

Converting Colors

CIELCh(100, 80.618, 42.509)

Have a look what the booklet for
CIELCh(100, 80.618, 42.509)
contains.

CIELCh(85, 34.680, 70.818)	3
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Color

CIELCh(85, 34.680, 70.818)

Conversions

Conversions Part 1

Format	Color
Hex	FECB97
RGB	254, 203, 151
RGB Percent	100%, 80%, 59%
CMY	0.0042, 0.2039, 0.4077
CMYK	0.00, 0.20, 0.41, 0.00
HSL	30°, 98%, 79%
HSV	30°, 41%, 100%
XYZ	67.7941, 66.0070, 38.4649
YIQ	212.3210, 47.0880, -5.3600

Conversions

Conversions Part 2

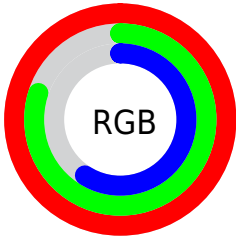
Format	Color
RYB	252, 254, 151
Decimal	16698263
CIELab	85.00, 11.39, 32.75
CIElCh	85, 34.680, 70.818
Yxy	66.0070, 0.3935, 0.3832
Android (android.graphics.Color)	4294888343 (0xFFFECEB97)
YUV	212.3210, -30.2313, 36.5525
Hunter-Lab	81.2447, 6.7699, 28.8007

Details

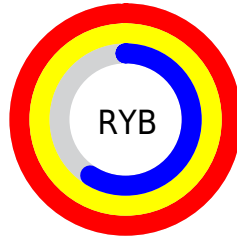
The CIELCh color **85, 34.680, 70.818** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 30.964, 263.104**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **65, 35.081, 70.783** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.208, 69.520**, and if you desaturate by 10%, it is **88, 25.517, 72.110**.

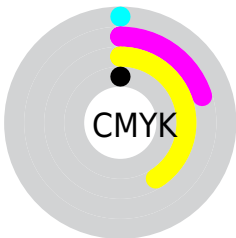
Distribution



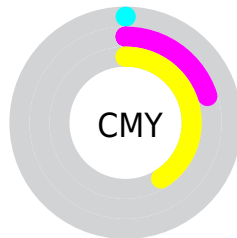
- Red (100%)
- Green (80%)
- Blue (59%)



- Red (99%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 34.680, 70.818 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 85, 34.680, 70.818 by changing the saturation by 10% instead.

 85, 34.680, 70.818

 85, 34.680, 70.818

 100, 34.680,
70.818

 75, 34.680, 70.818

 65, 34.680, 70.818

 55, 34.680, 70.818

 45, 34.680, 70.818

 35, 34.680, 70.818

 25, 34.680, 70.818

 15, 34.680, 70.818

 5, 34.680, 70.818

 0, 34.680, 70.818

85, 34.680, 70.818

85, 34.680, 70.818

82, 44.208, 69.520

88, 25.517, 72.110

78, 53.983, 68.181

92, 16.756, 73.380

75, 63.722, 66.748

96, 8.390, 74.615

72, 72.841, 65.086

99, 0.395, 74.800

69, 80.315, 62.924

100, 0.371,
201.167

67, 85.135, 60.212

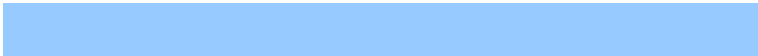
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85, 34.680, 70.818



80, 30.964, 263.104

Rectangle

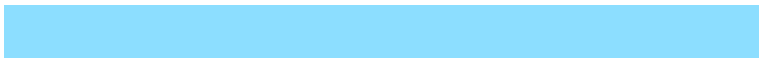
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 34.680, 70.818



85, 34.680, 120.818



85, 34.680, 250.818



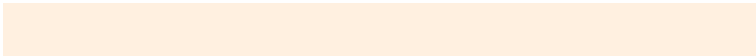
85, 34.680, 300.818

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



85, 34.680, 70.824



96, 9.640, 74.436



75, 46.063, 347.754



50, 6.414, 74.276



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 34.680, 70.824



82, 42.890, 69.718



98, 51.145, 106.252



51, 4.540, 74.736



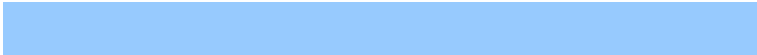
51, 68.550, 60.912



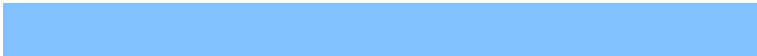
16, 27.009, 62.334

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80, 30.964, 263.104



76, 37.322, 265.345



66, 56.903, 295.722



51, 4.443, 257.278



41, 58.904, 284.681



12, 23.951, 278.166

Previews

White Background



This preview shows how the CIELCh color 85, 34.680, 70.818 looks on a white background.

Color Contrast Check

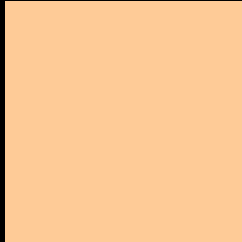
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 34.680, 70.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 34.680, 70.818

Background



This preview shows how black text looks on a background with the CIELCh color 85, 34.680, 70.818.



This preview shows how white text looks on a background with the CIELCh color 85, 34.680, 70.818.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85, 34.717, 70.798

Protanopia

85, 30.386, 95.395

Deuteranopia

85, 34.596, 72.315



Tritanopia
85, 22.618, 3.830

Trichromacy



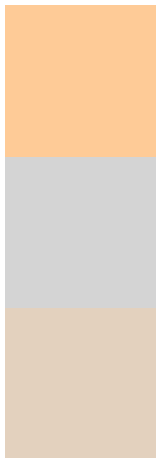
Original Color
85, 34.717, 70.798

Protanomaly
85, 30.966, 86.222

Deuteranomaly
85, 34.596, 72.315

Tritanomaly
85, 22.414, 34.357

Monochromacy



Original Color
85, 34.717, 70.798

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 12.096, 74.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 34.680, 70.818 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 203, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 151)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 203, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 34.680, 70.818 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 203, 151) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 203, 151) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 203, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 34.680, 70.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 151) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
203, 151) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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